

Inventor: MURAKAMI et al.
Docket No.: 10873.1710USWO
Title: MEMORY CELL, MEMORY USING THE MEMORY CELL, MEMORY CELL
MANUFACTURING METHOD, AND MEMORY RECORDING/READING METHOD
Attorney Name: Douglas P. Mueller
Phone No.: 612.455.3804
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FIG. 1

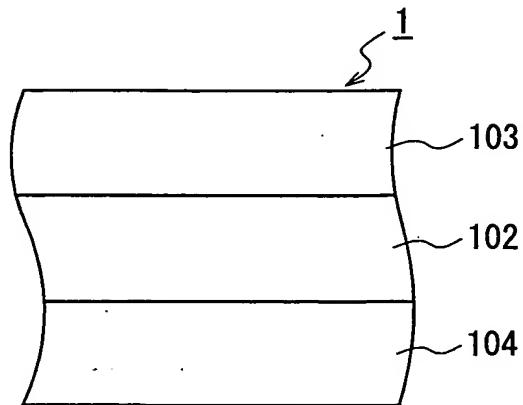


FIG. 2

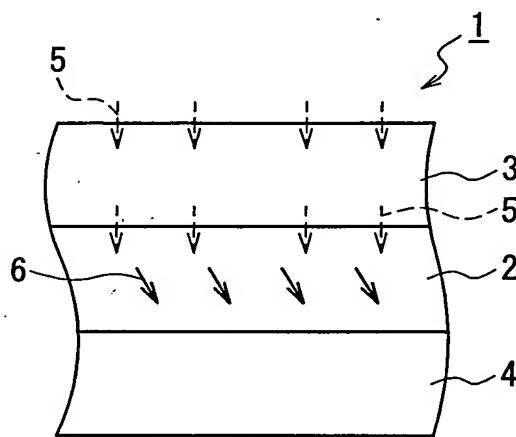
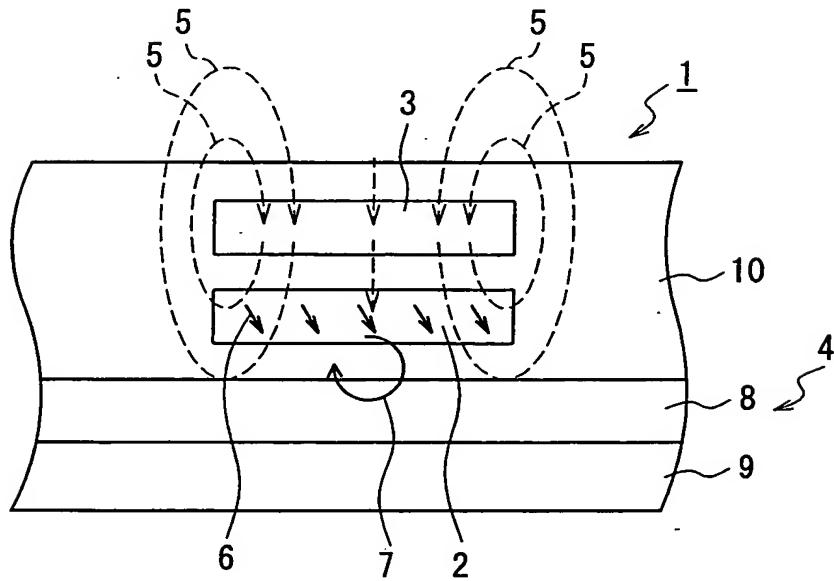


FIG. 3



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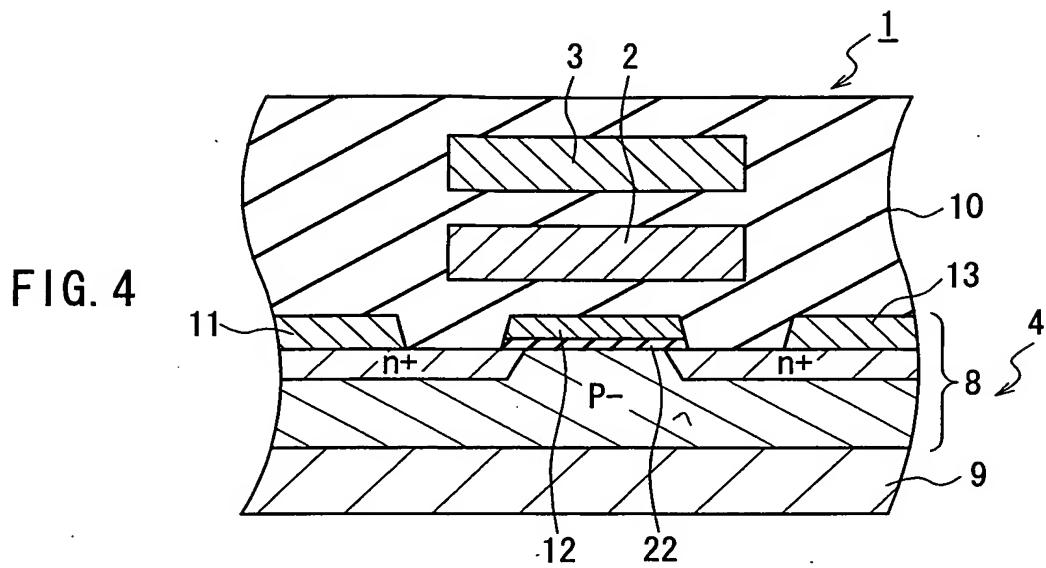


FIG. 4

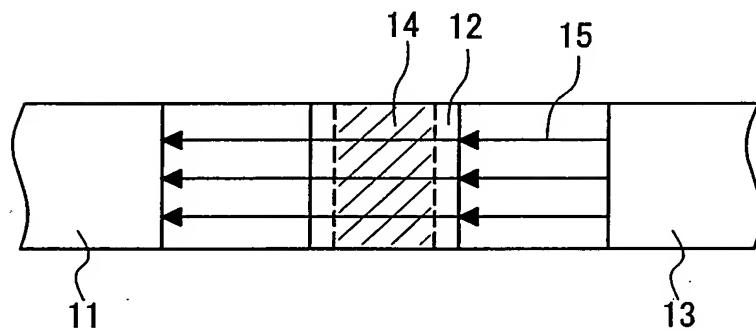


FIG. 5A

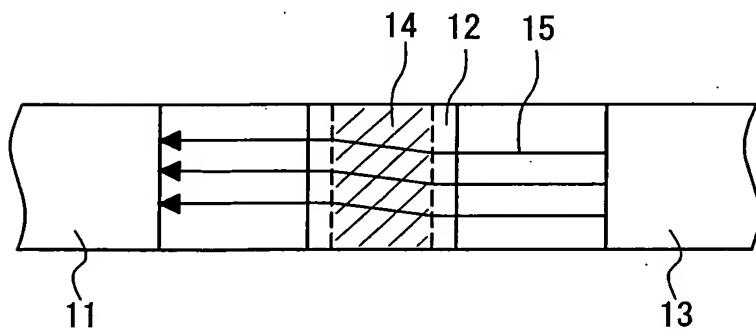


FIG. 5B

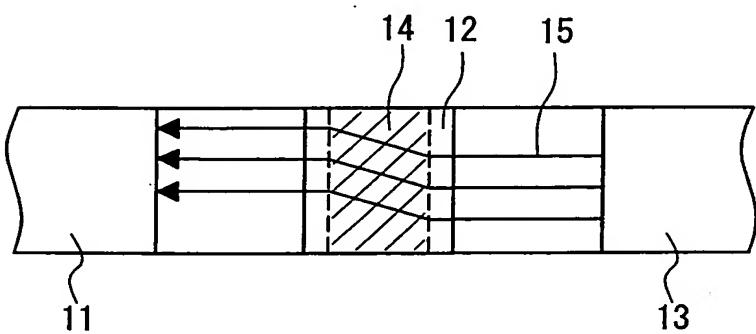


FIG. 5C

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FIG. 6

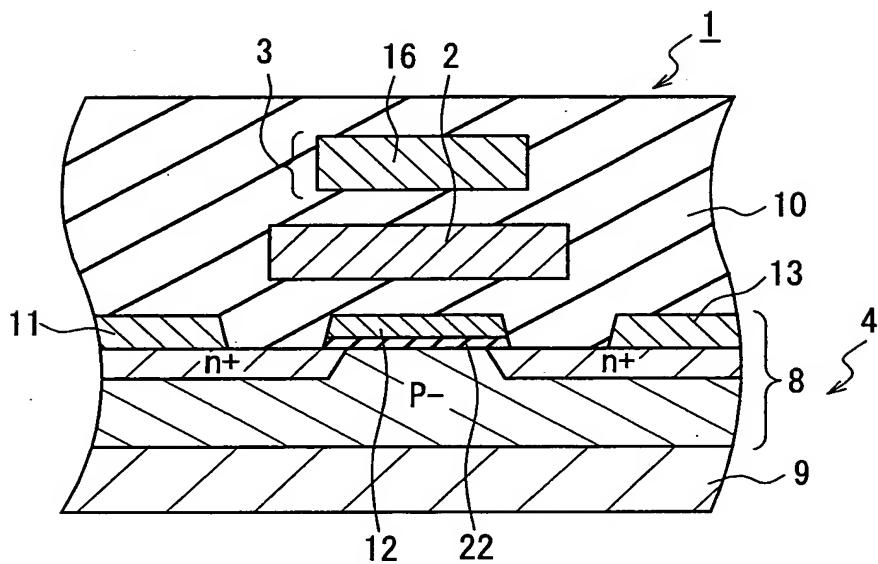
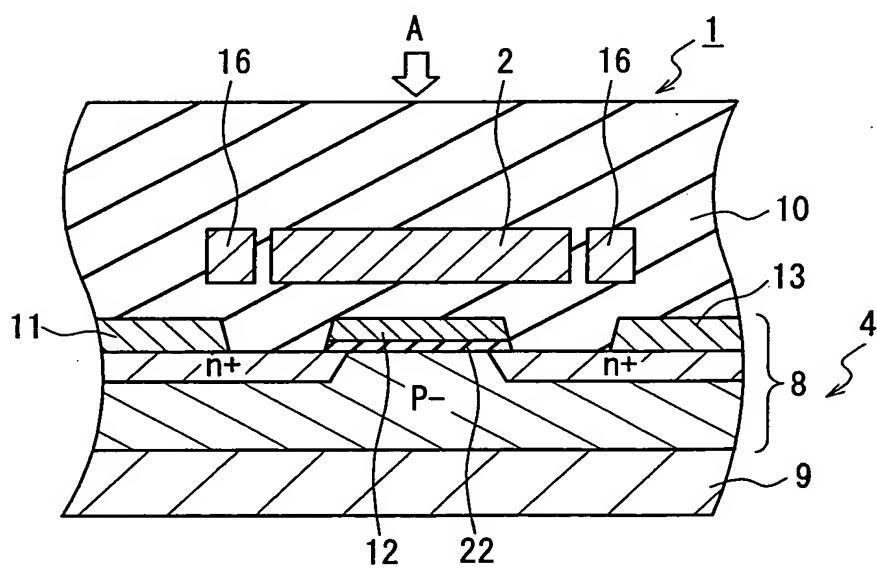


FIG. 7



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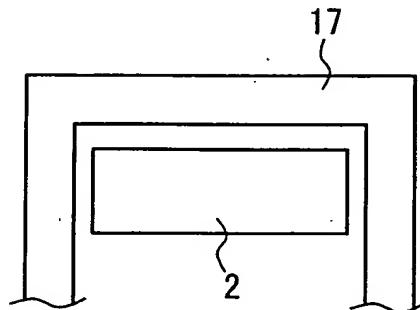


FIG. 8A

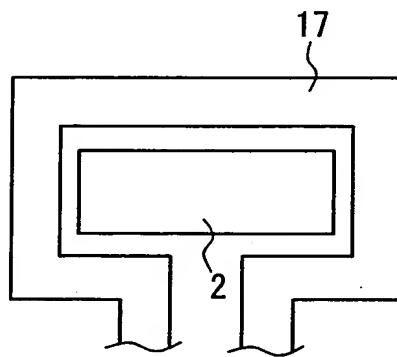


FIG. 8B

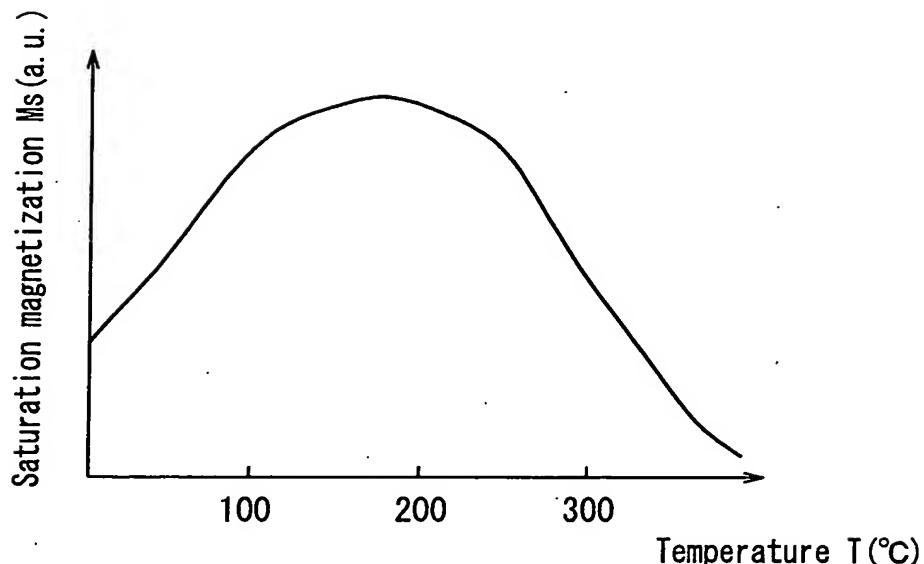


FIG. 9

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FIG. 10

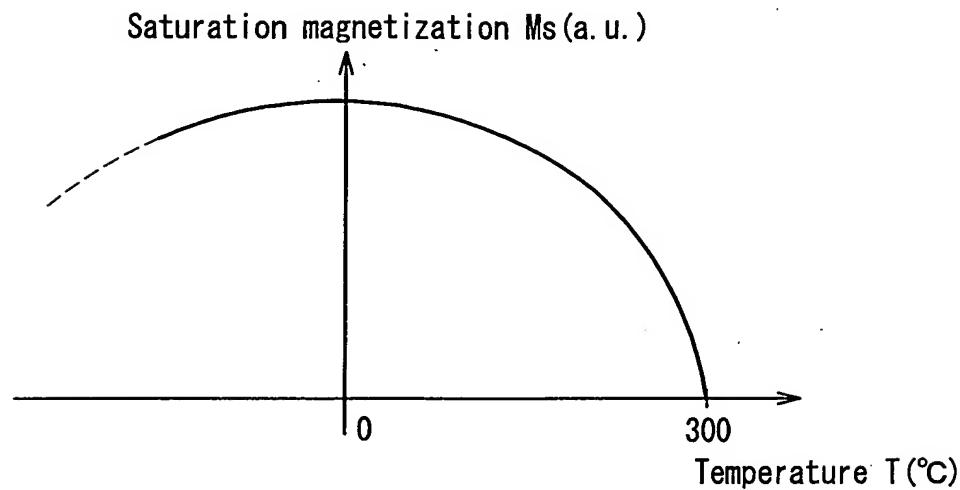


FIG. 11

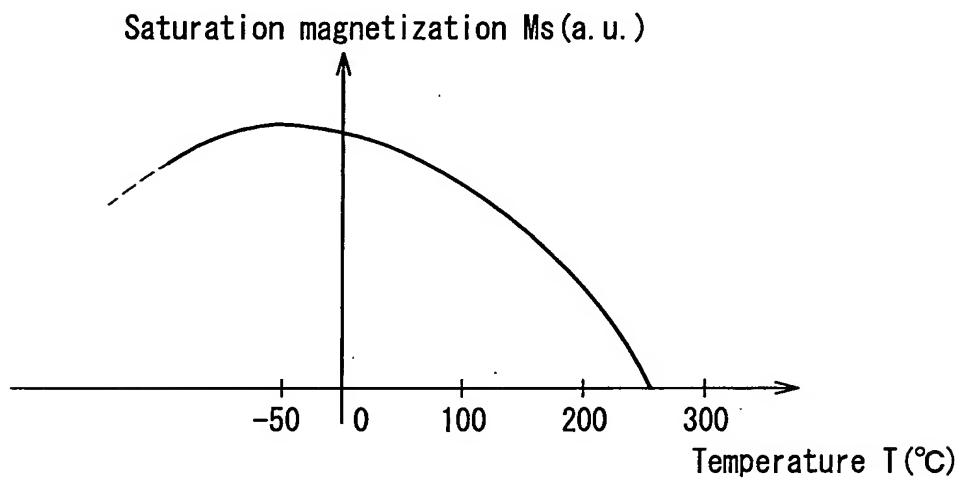
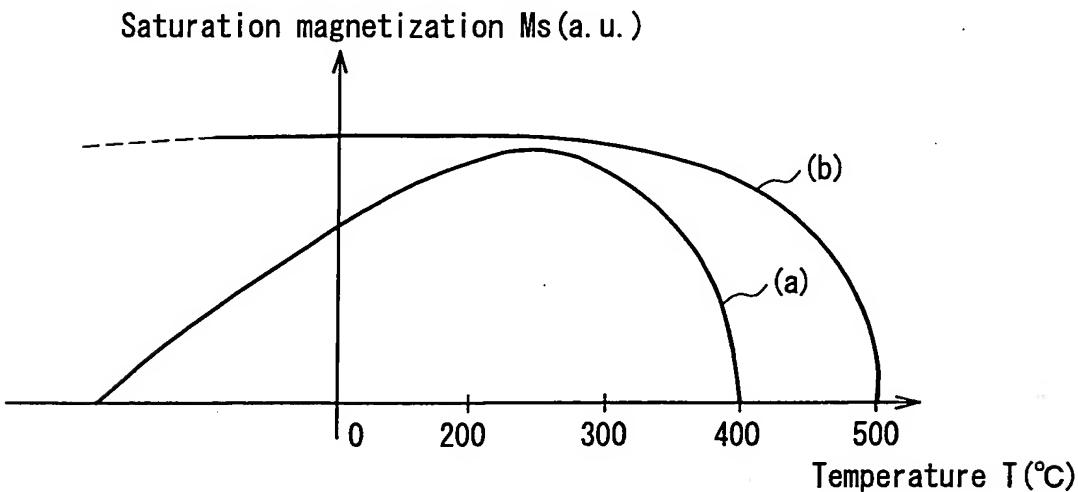


FIG. 12



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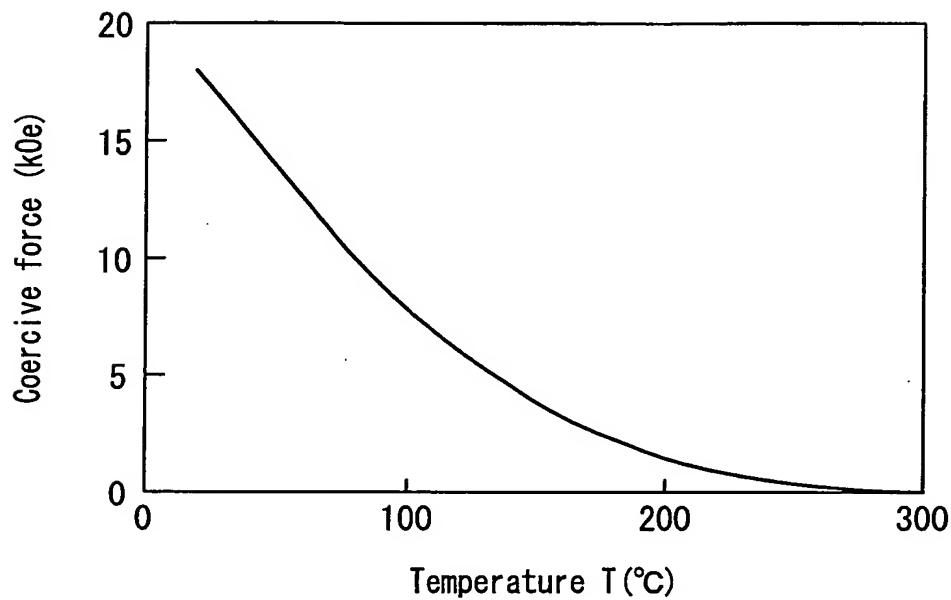


FIG. 13

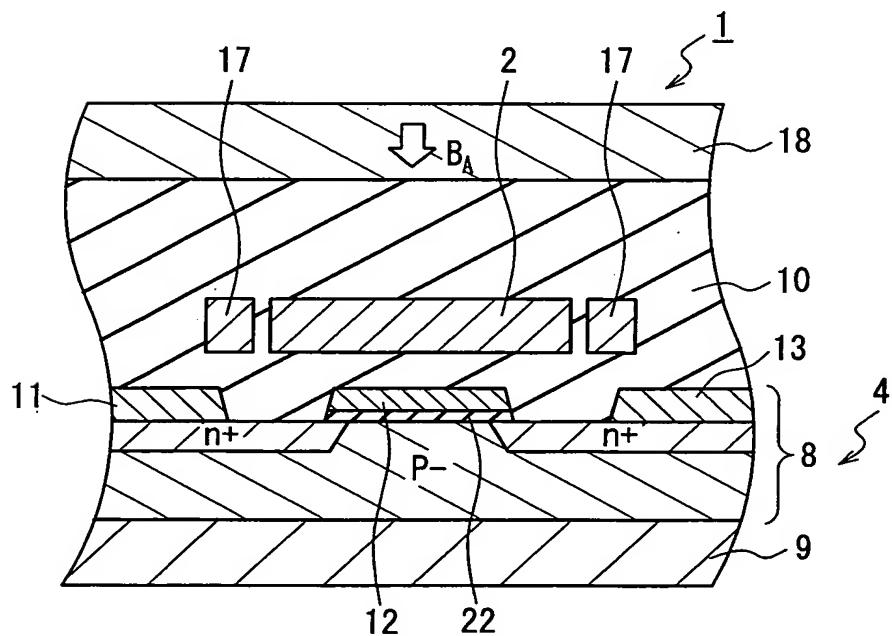


FIG. 14

FIG. 15A

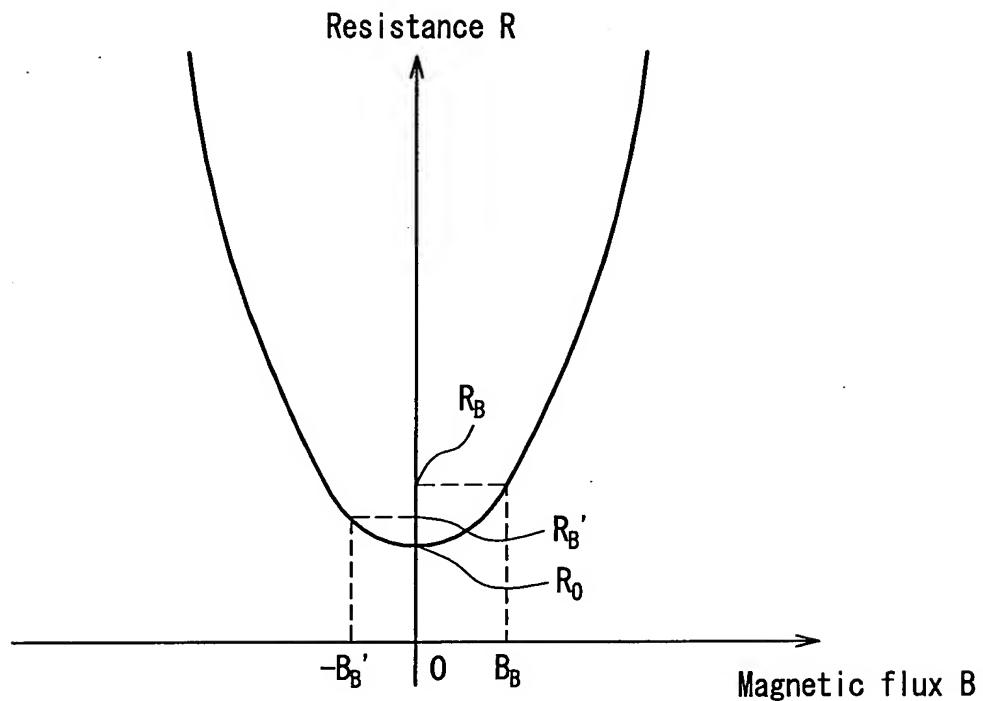
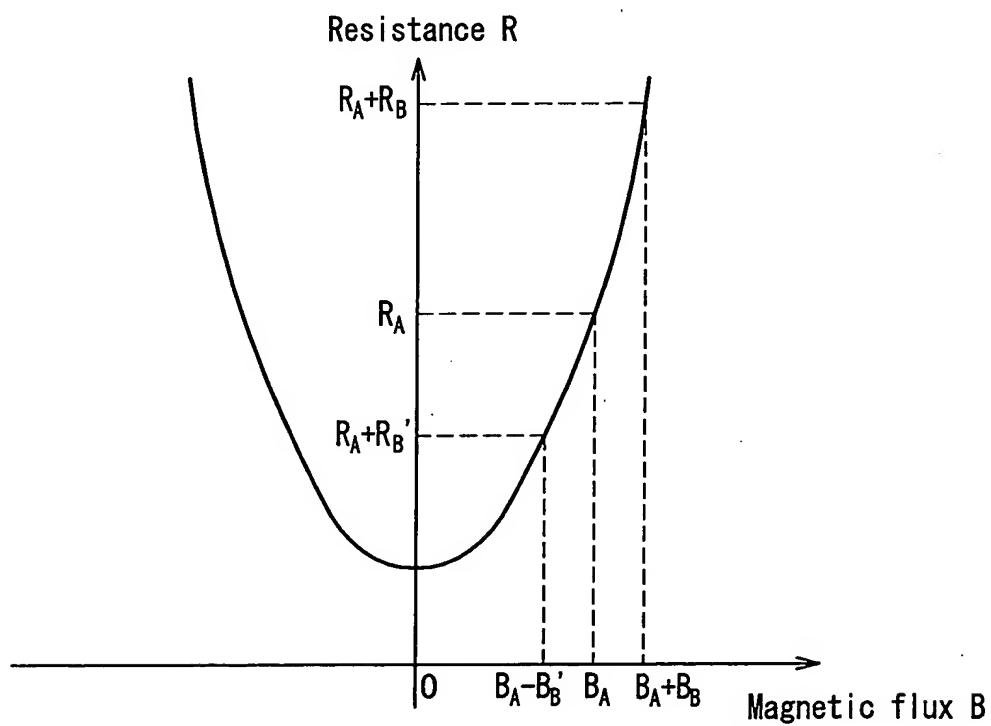


FIG. 15B



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FIG. 16

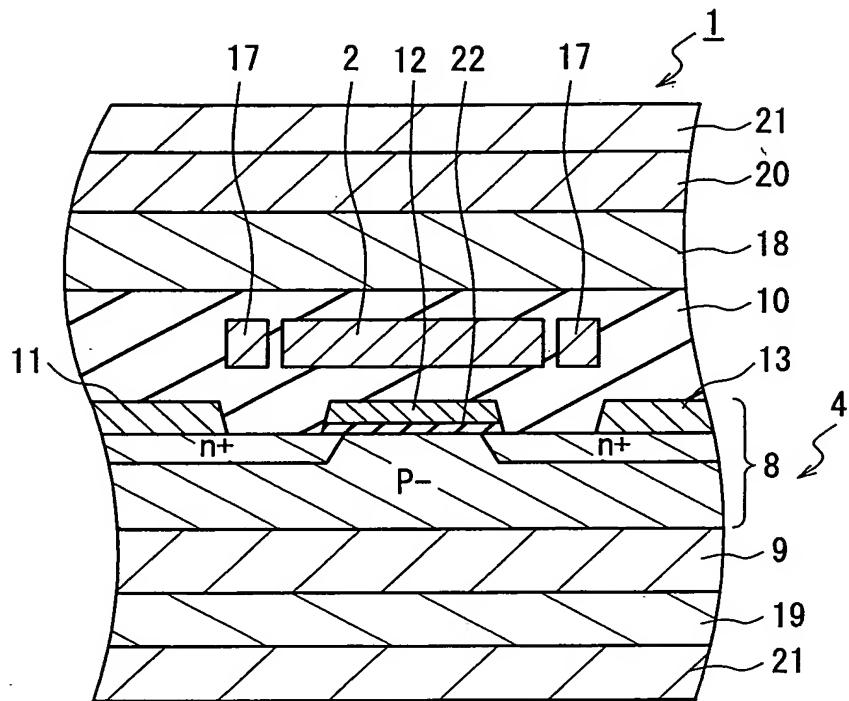
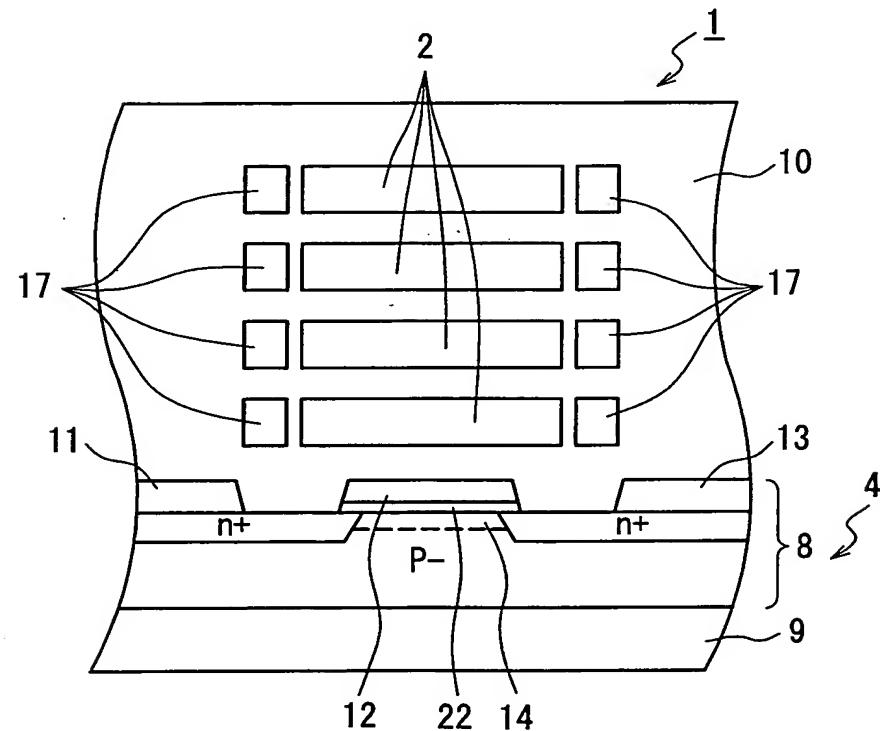


FIG. 17



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FIG. 18A

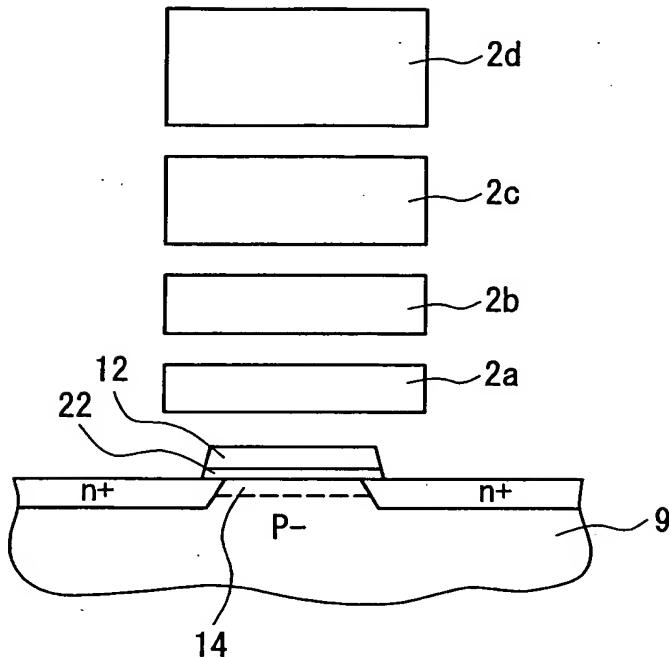
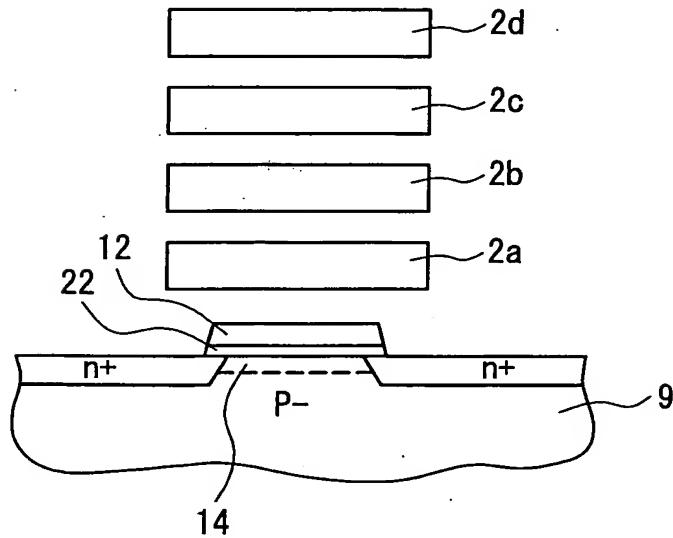


FIG. 18B



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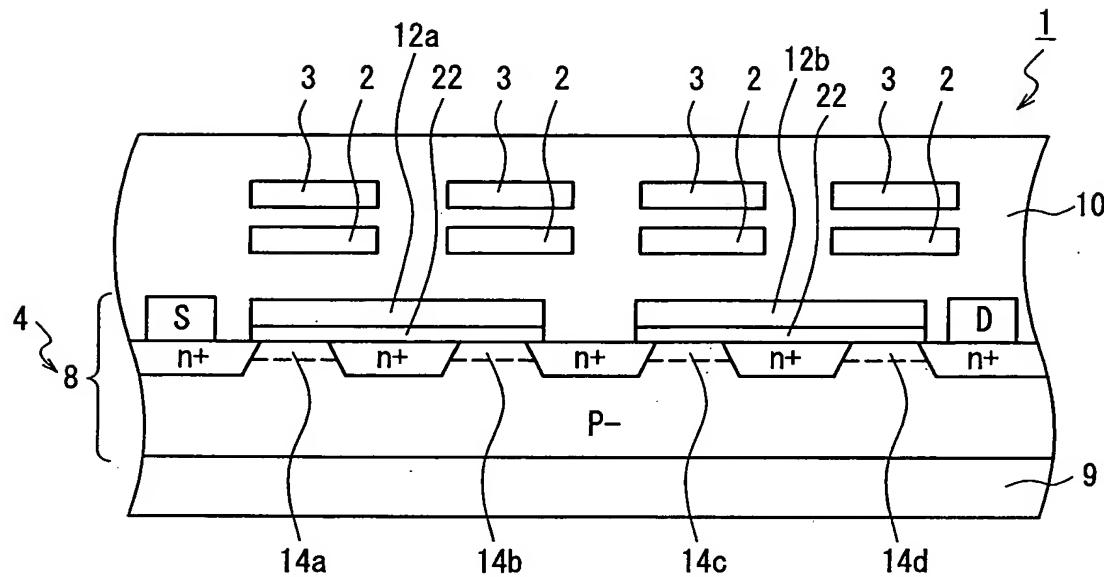


FIG. 19

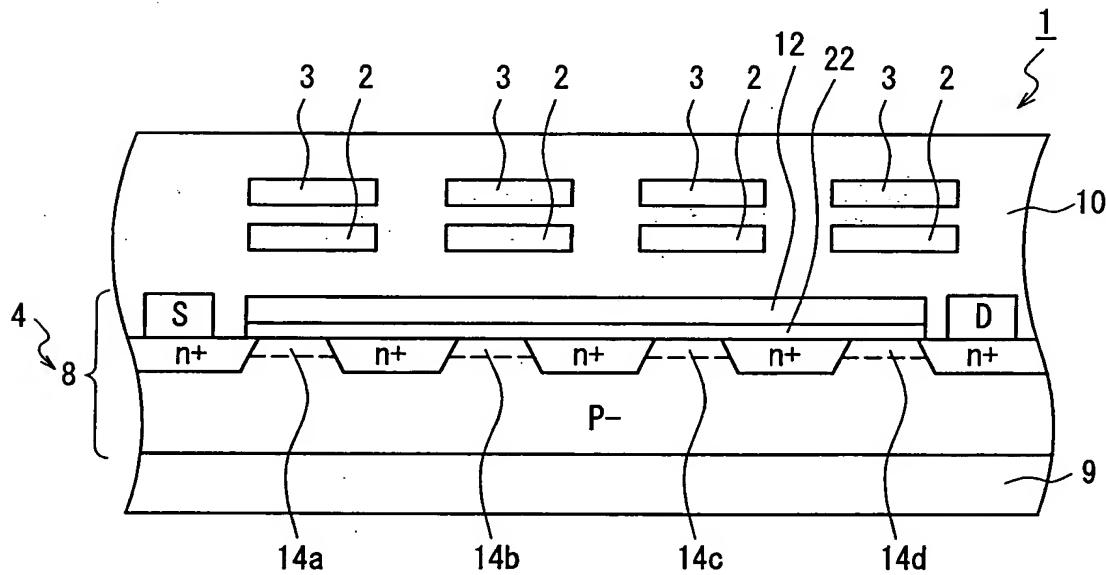


FIG. 20

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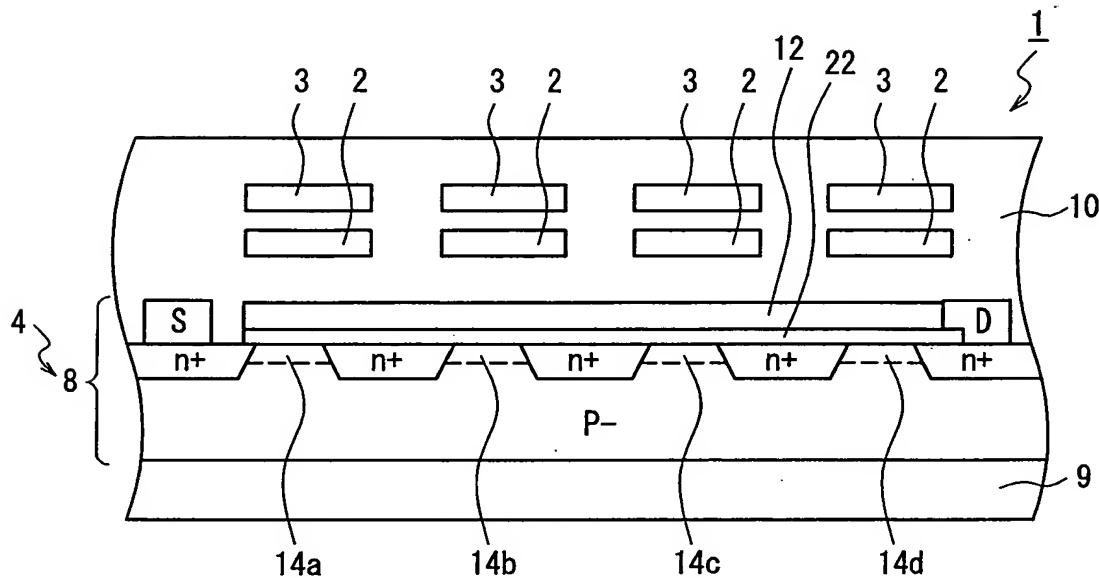


FIG. 21

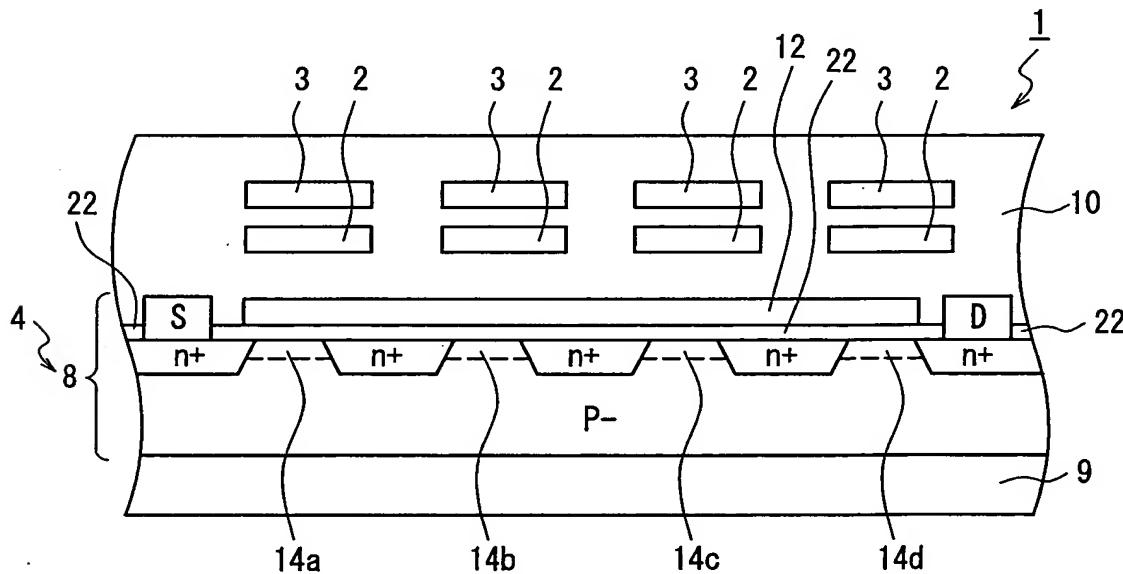


FIG. 22

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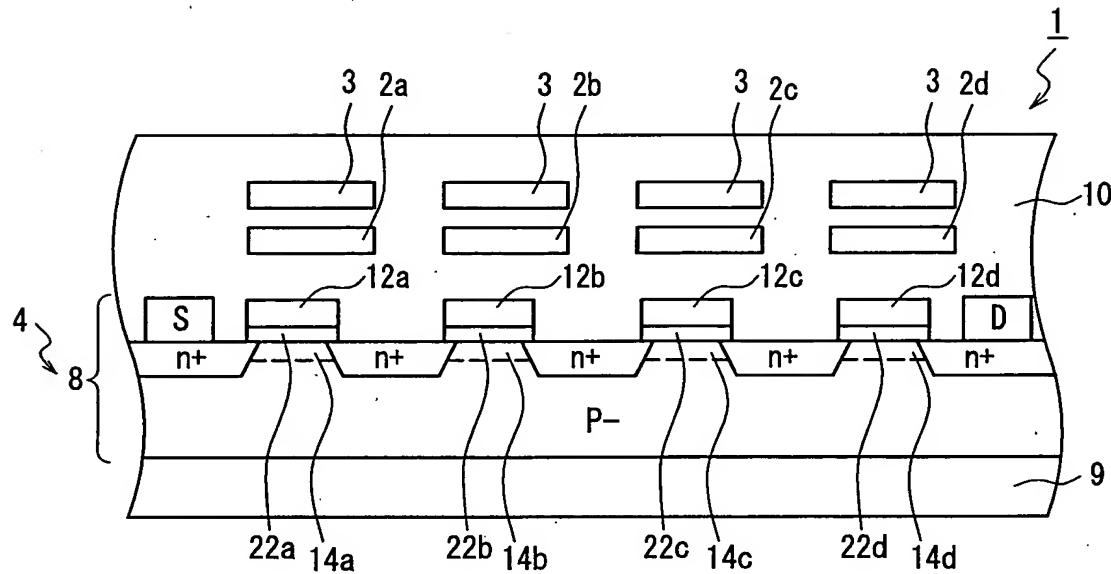


FIG. 23

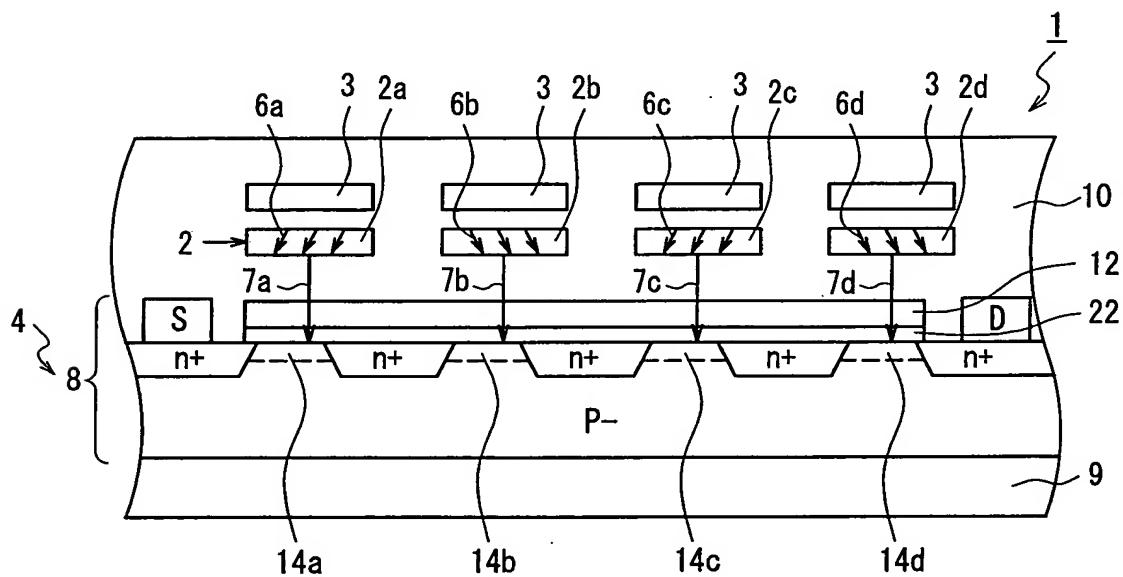


FIG. 24

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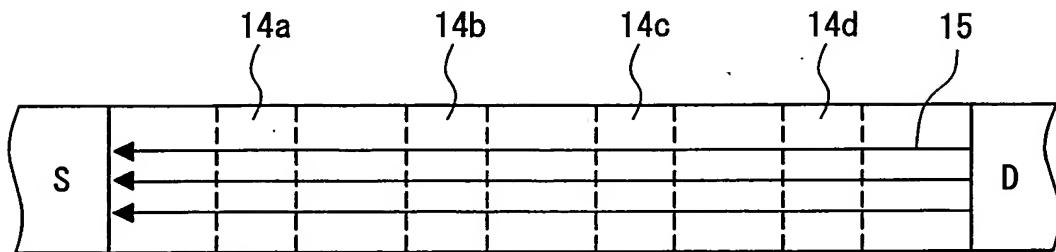


FIG. 25A

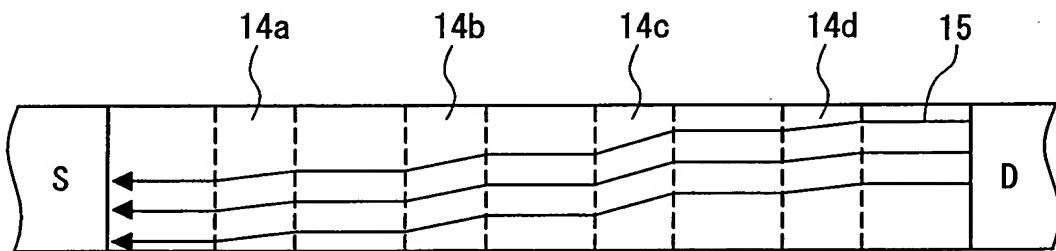


FIG. 25B

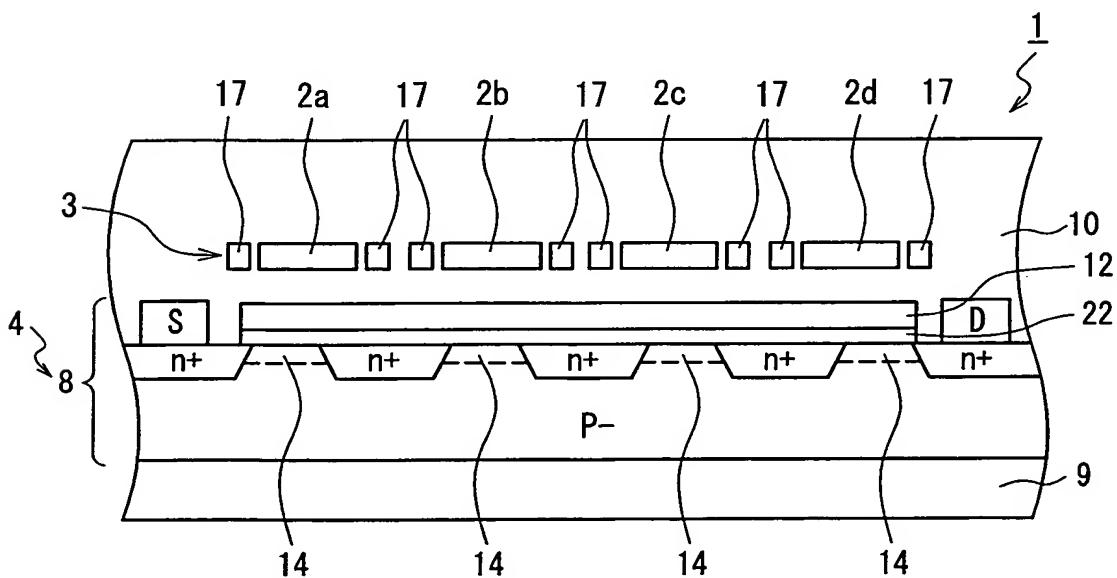


FIG. 26

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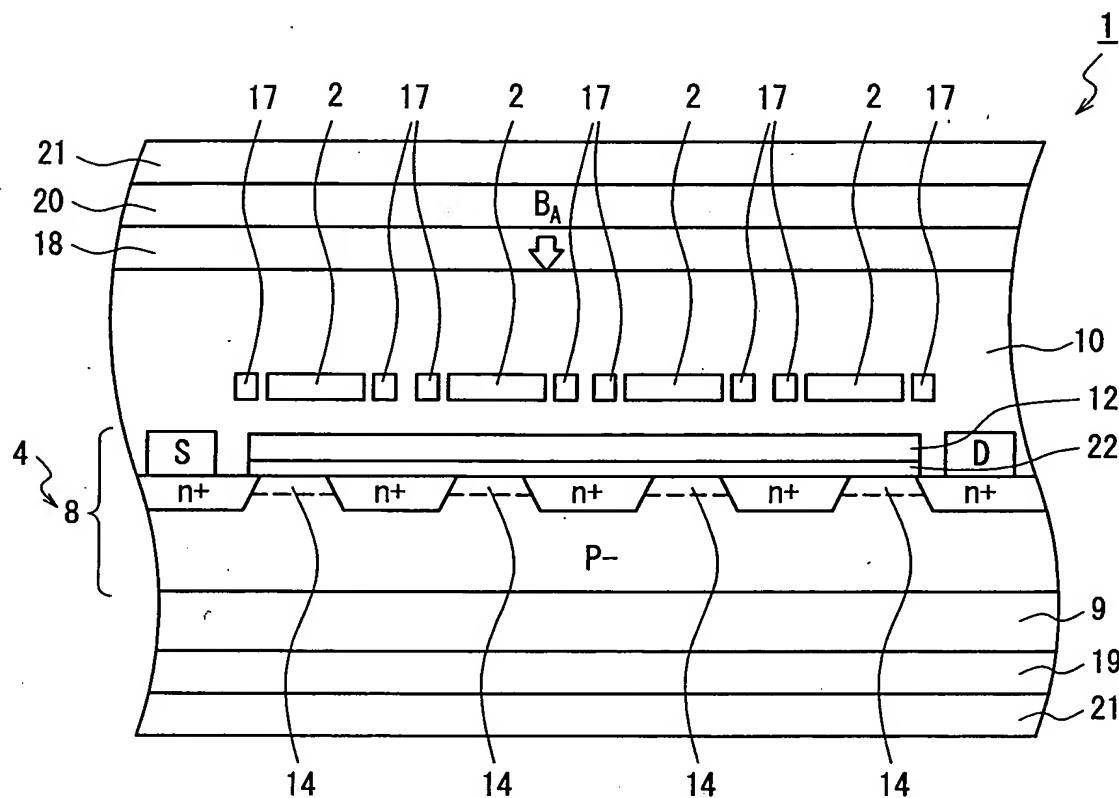


FIG. 27

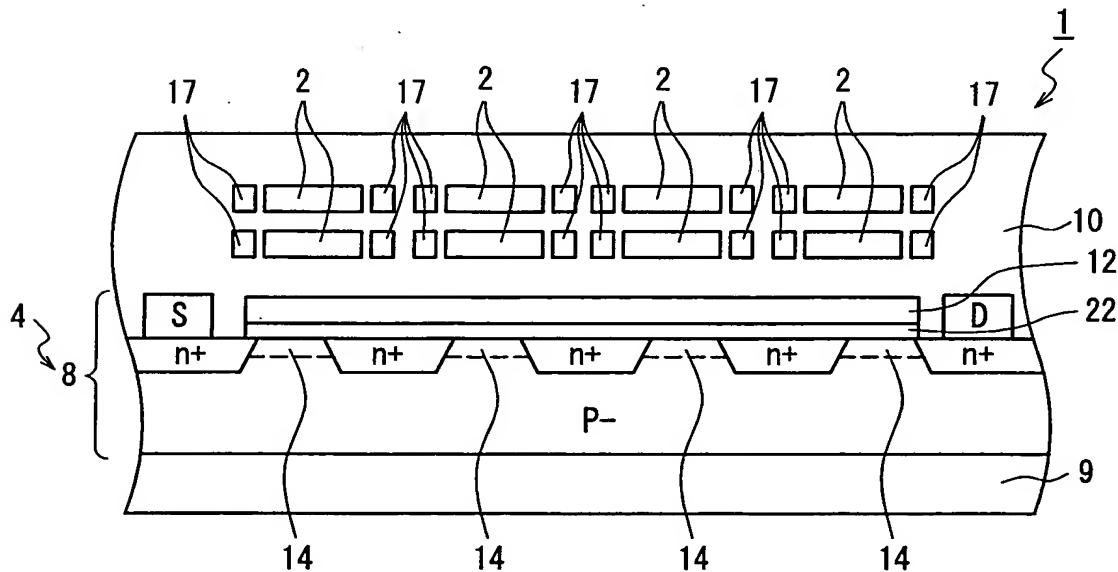


FIG. 28

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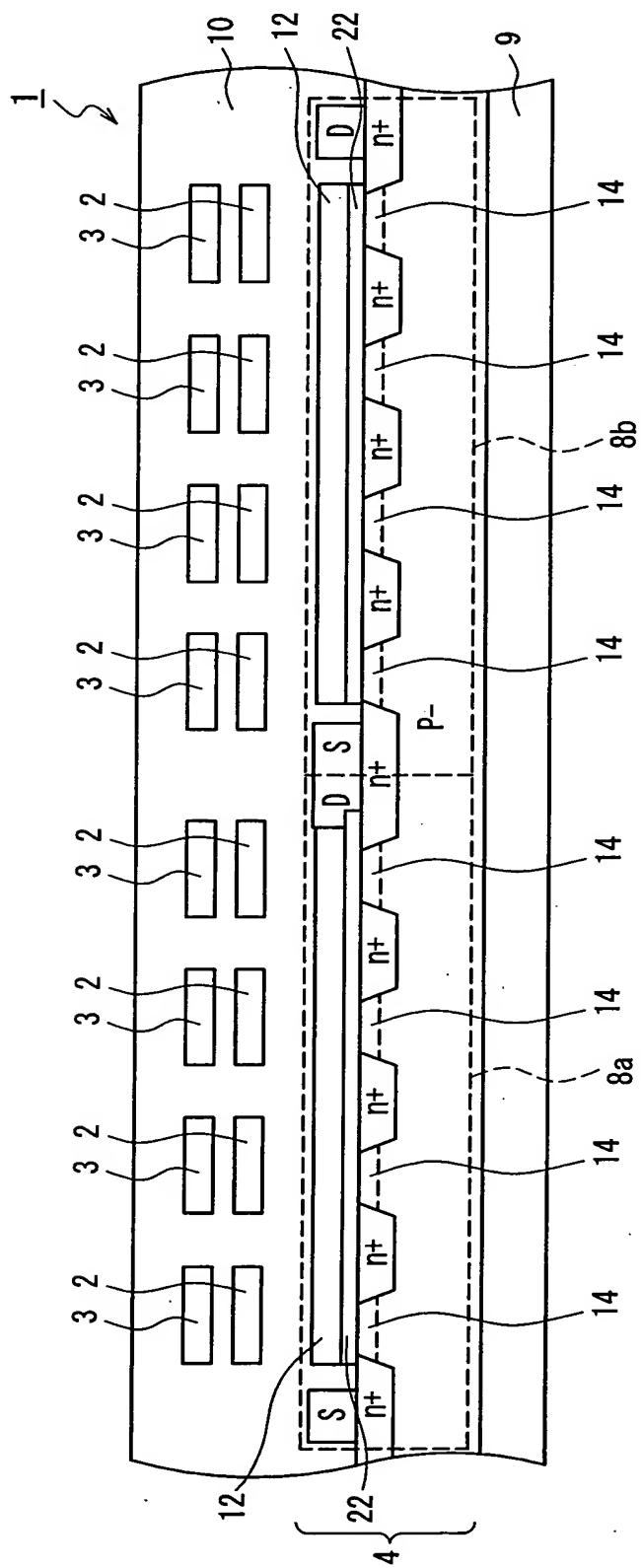


FIG. 29

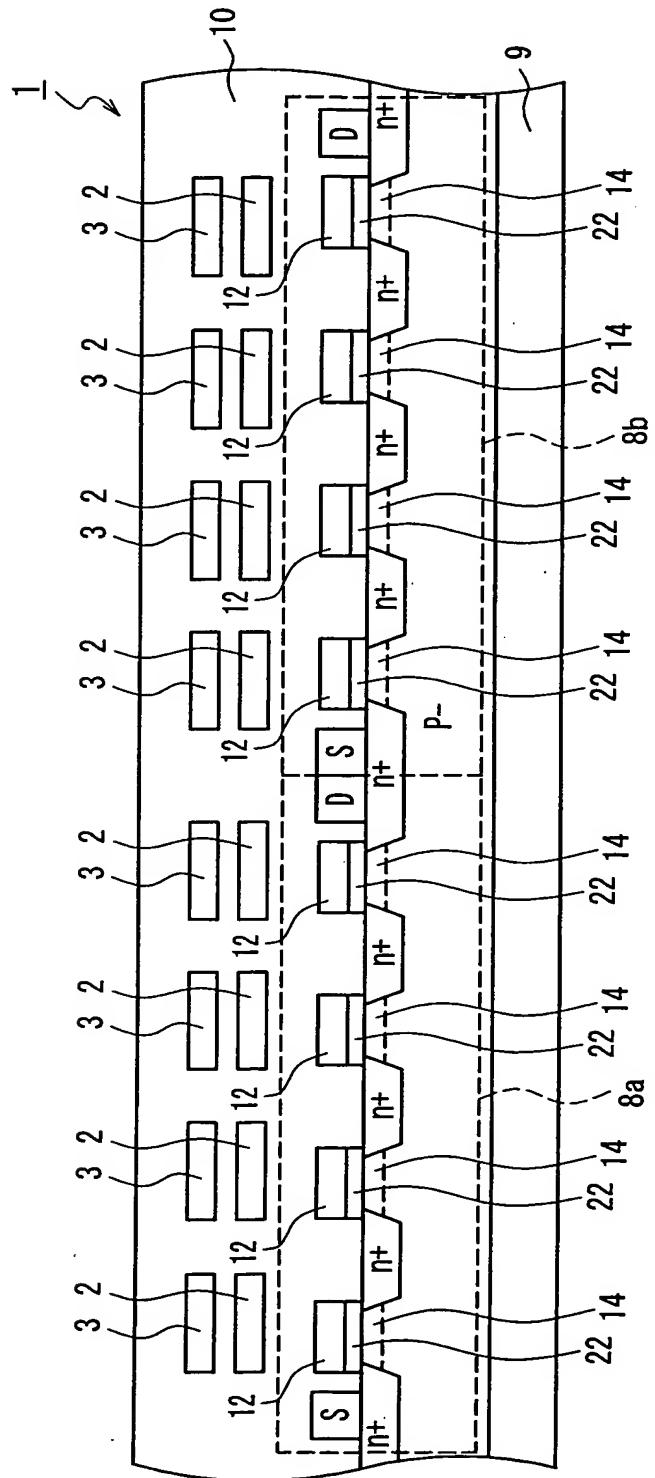


FIG. 30

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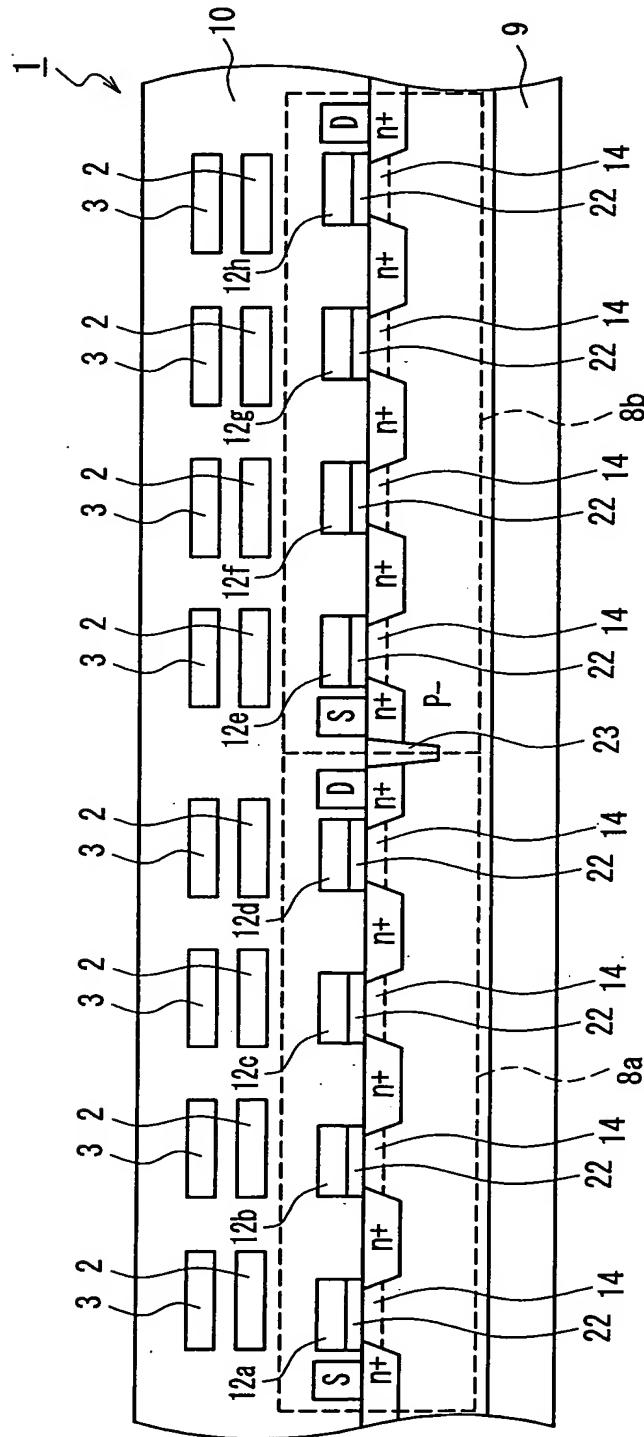


FIG. 31

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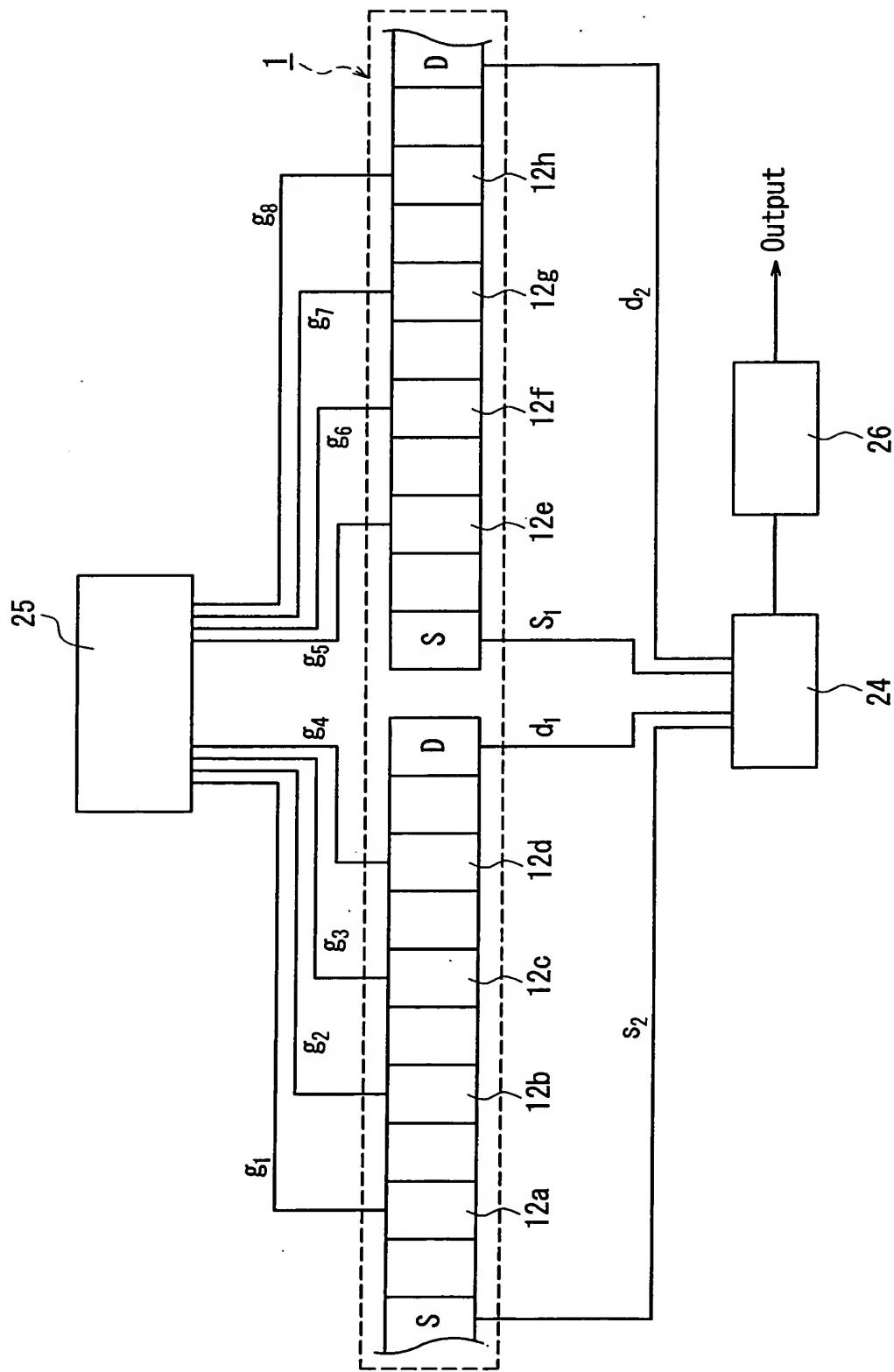


FIG. 32

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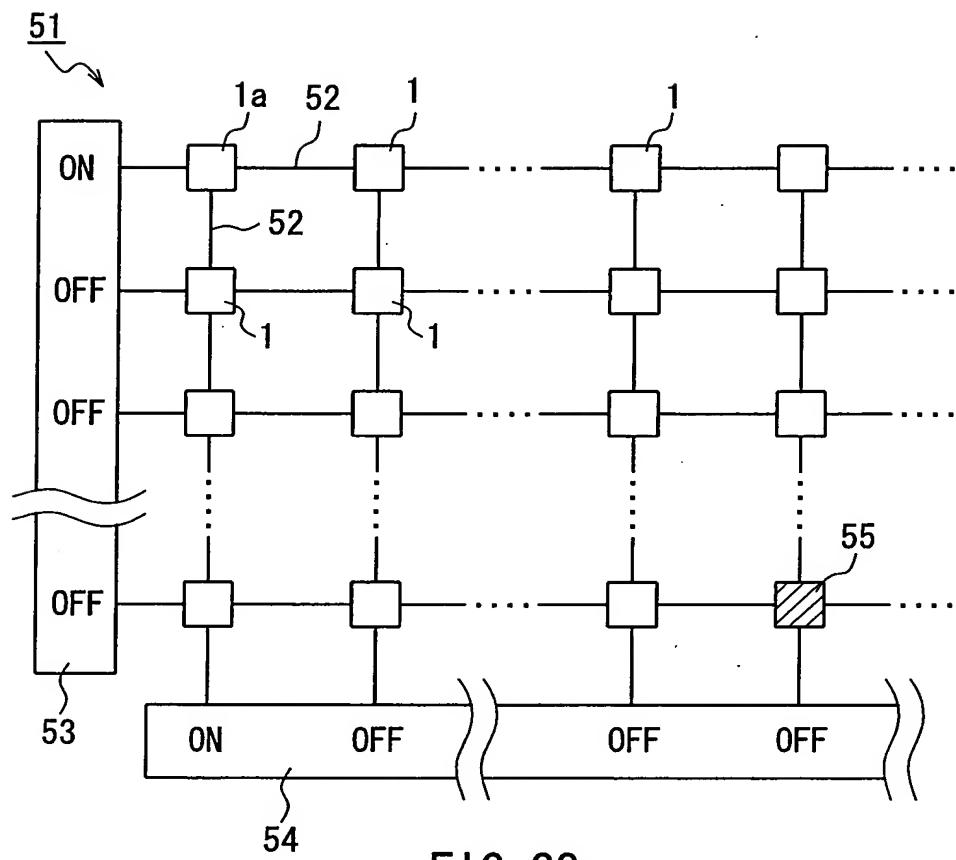


FIG. 33

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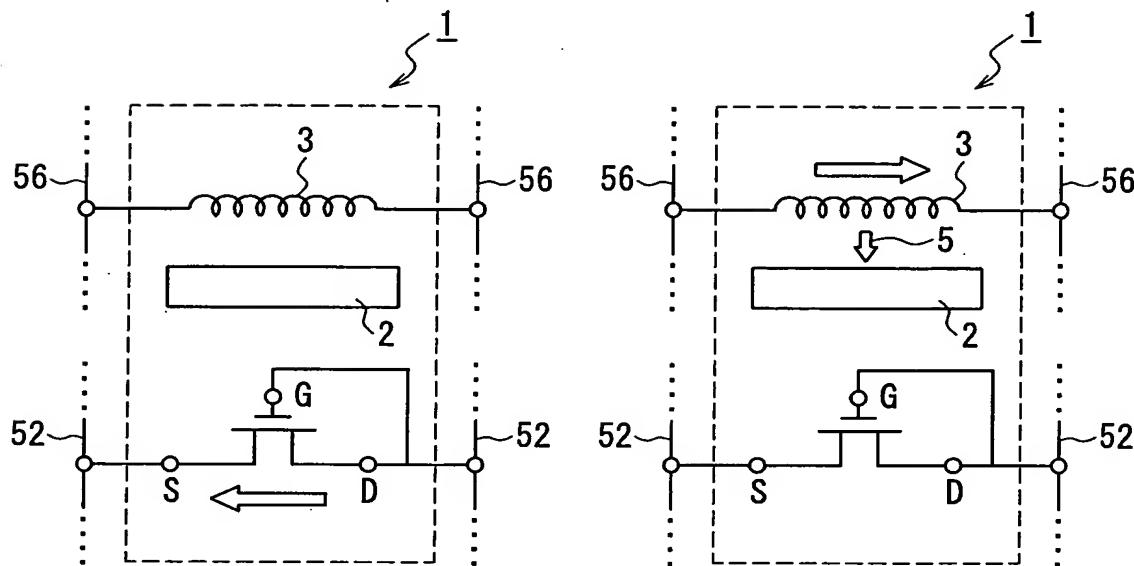


FIG. 34A

FIG. 34B

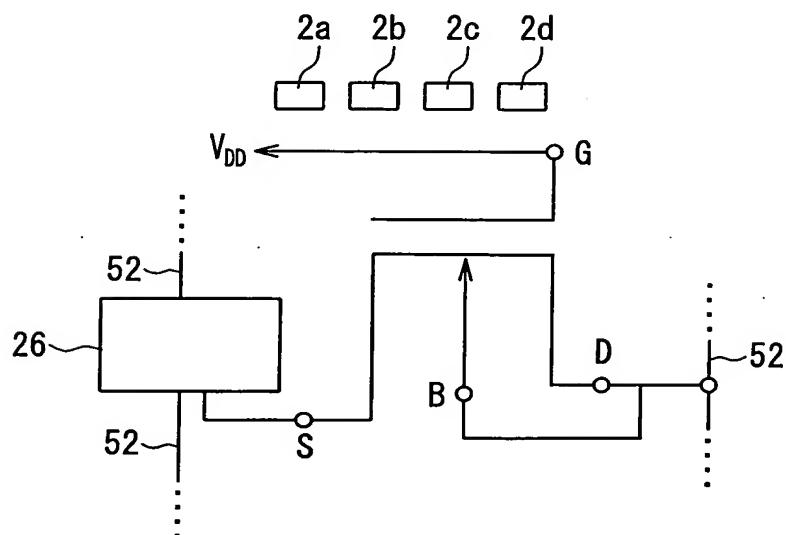


FIG. 35

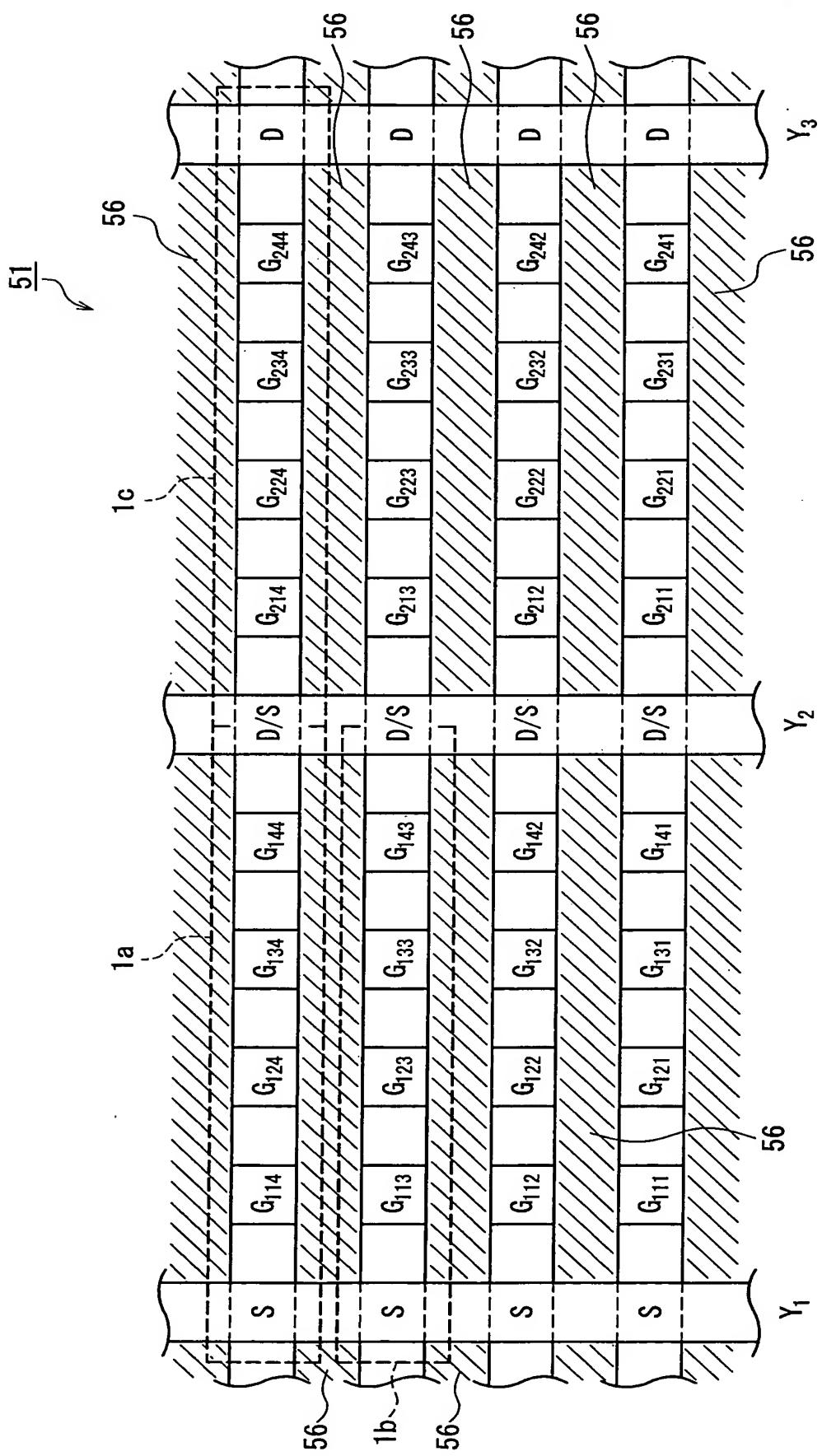


FIG. 36

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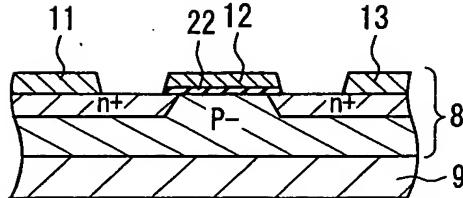


FIG. 37A

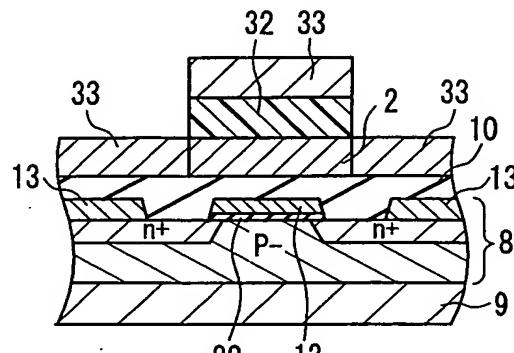


FIG. 37E

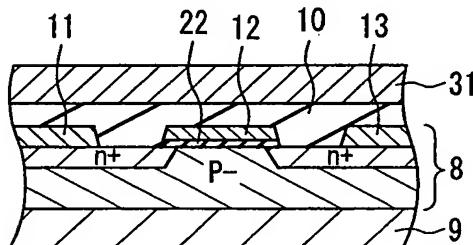


FIG. 37B

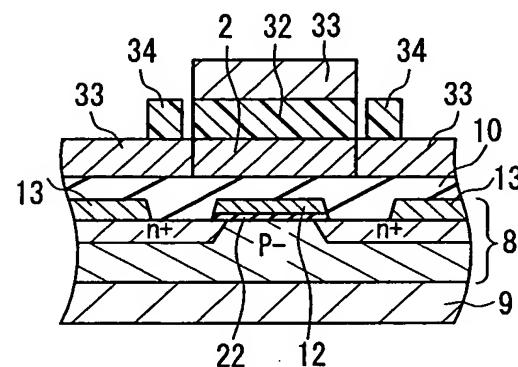


FIG. 37F

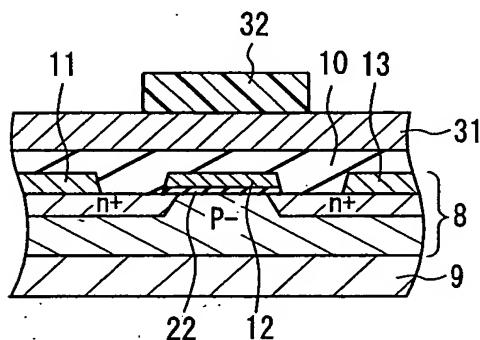


FIG. 37C

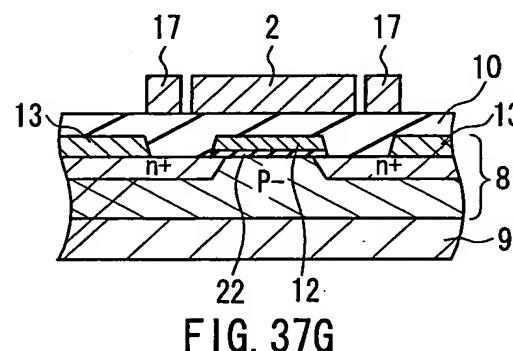


FIG. 37G

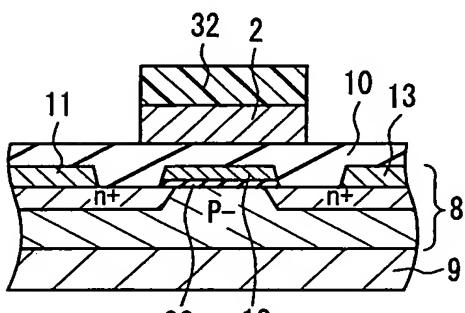


FIG. 37D

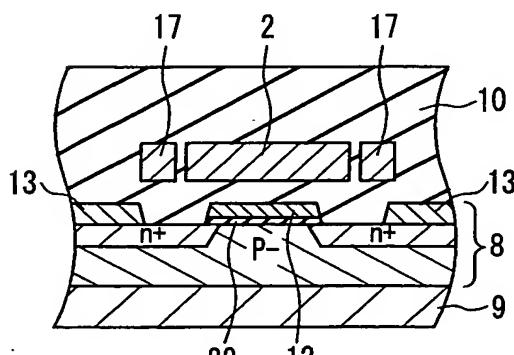


FIG. 37H

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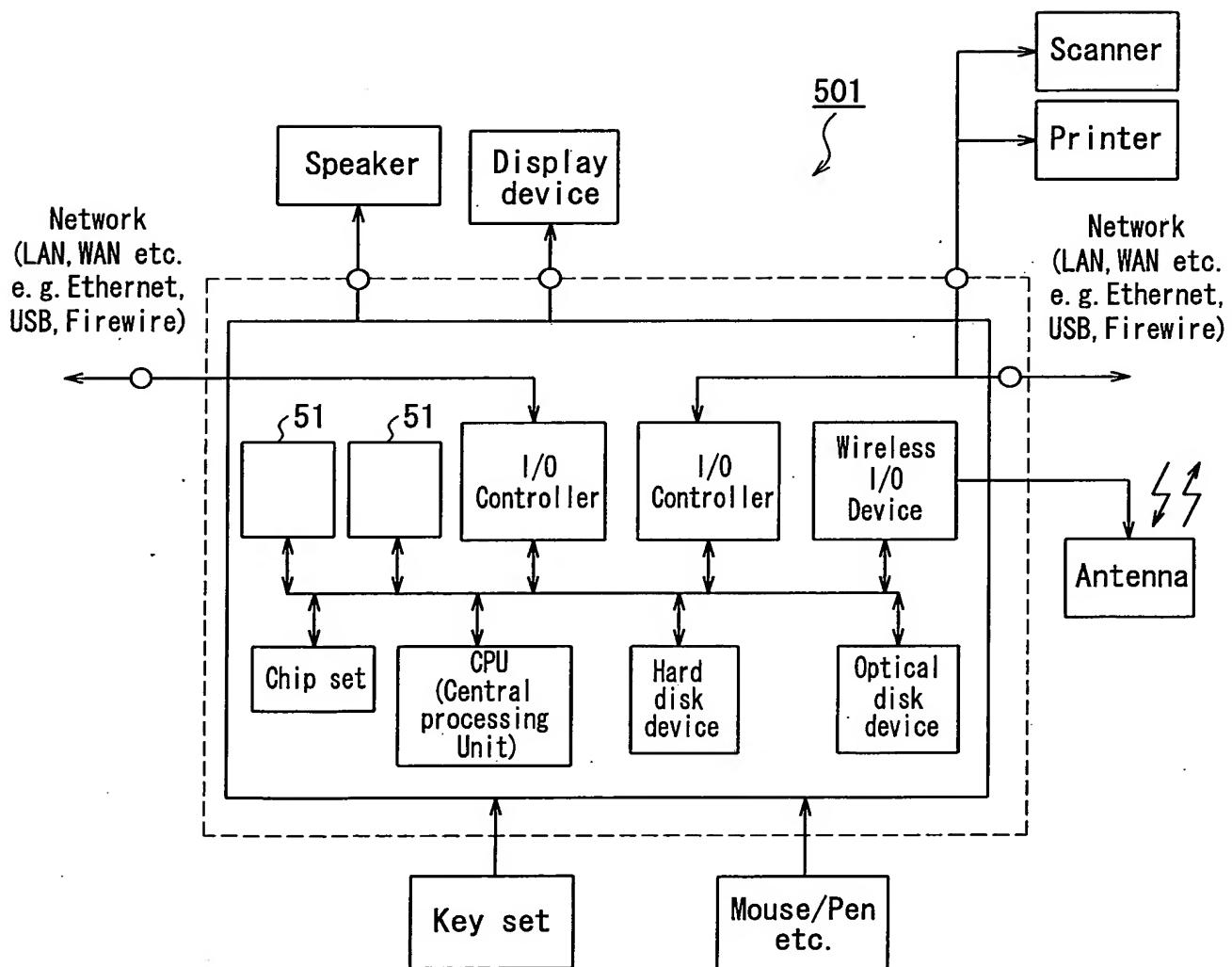


FIG. 38

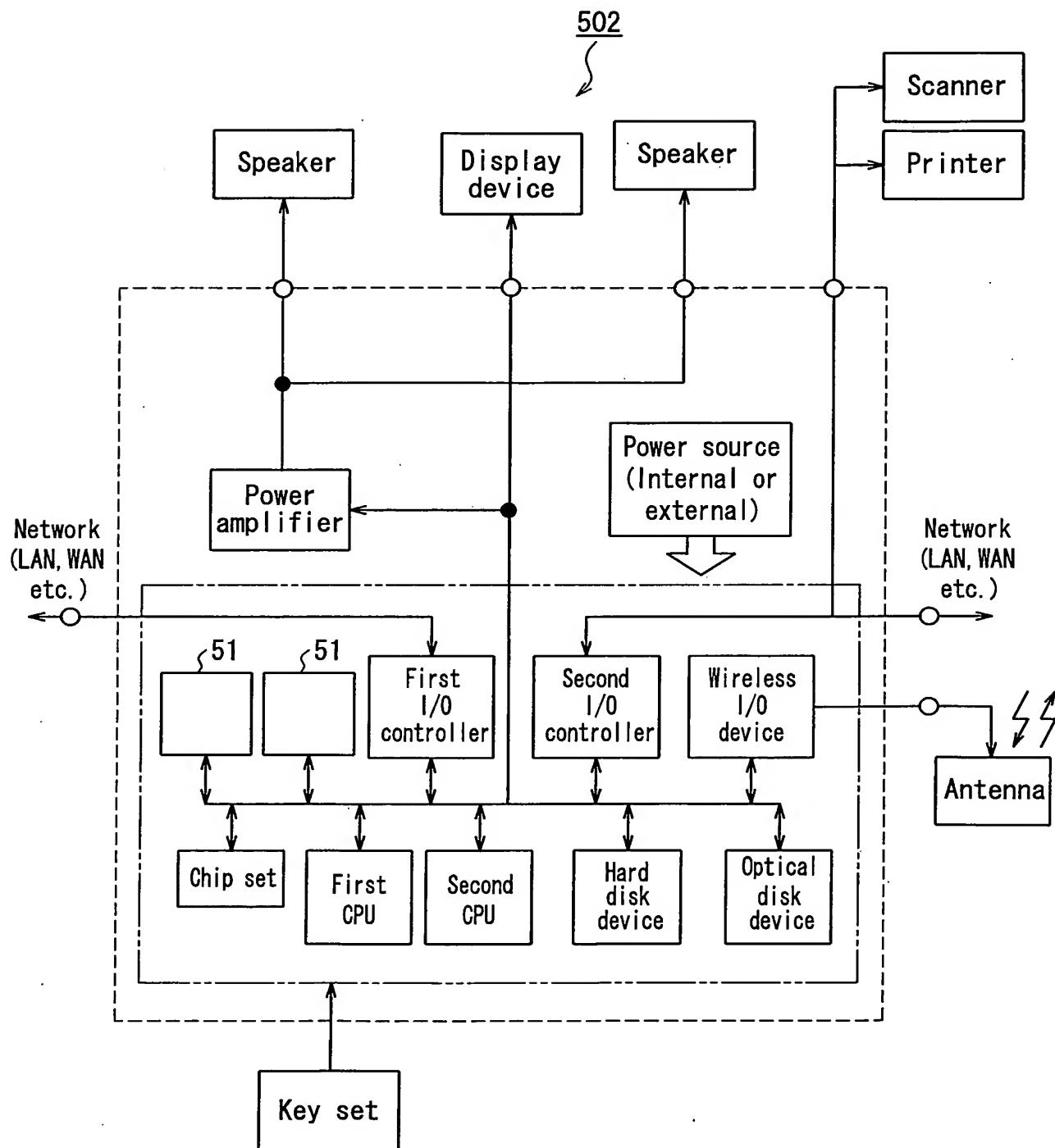


FIG. 39

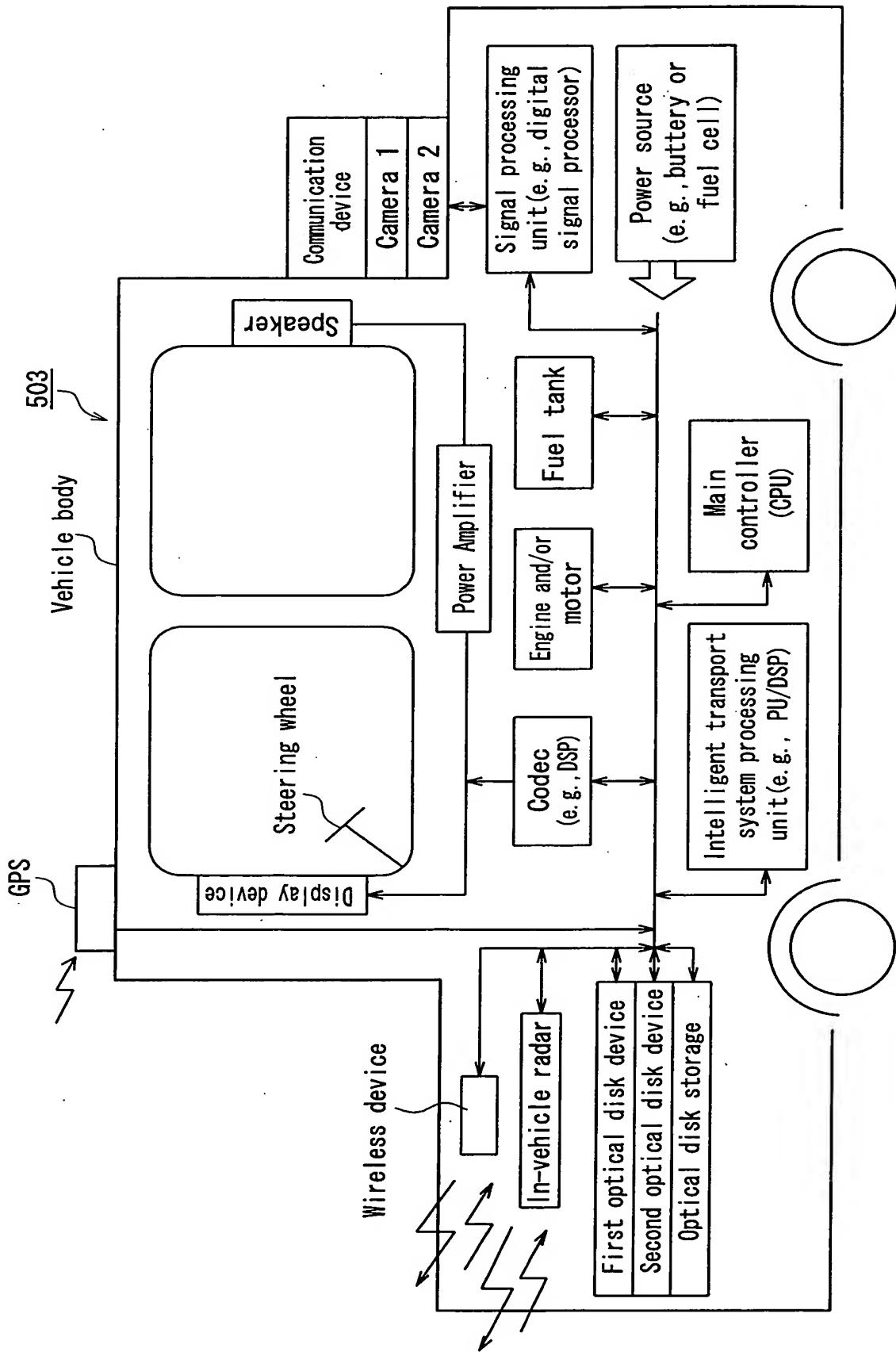


FIG. 40

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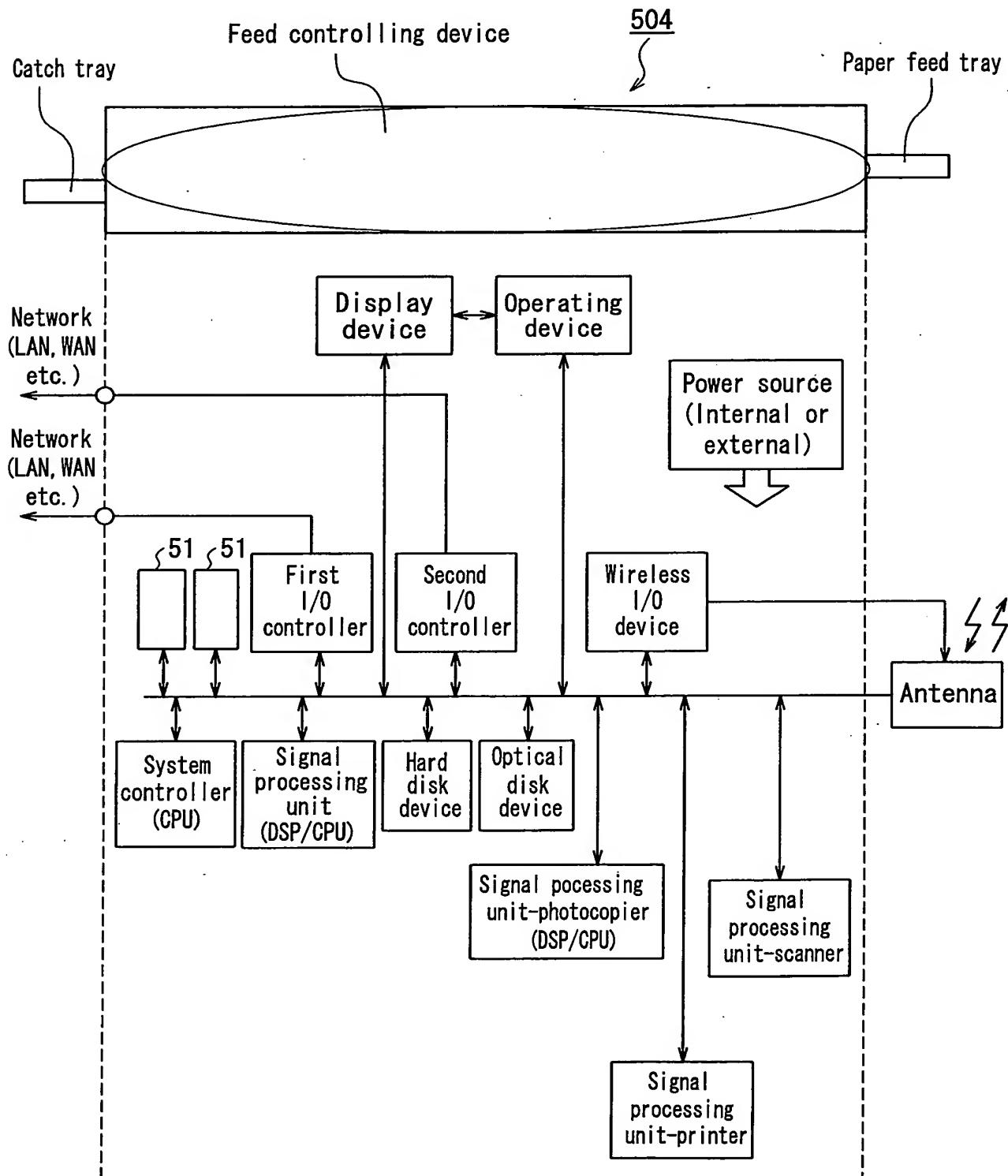


FIG. 41

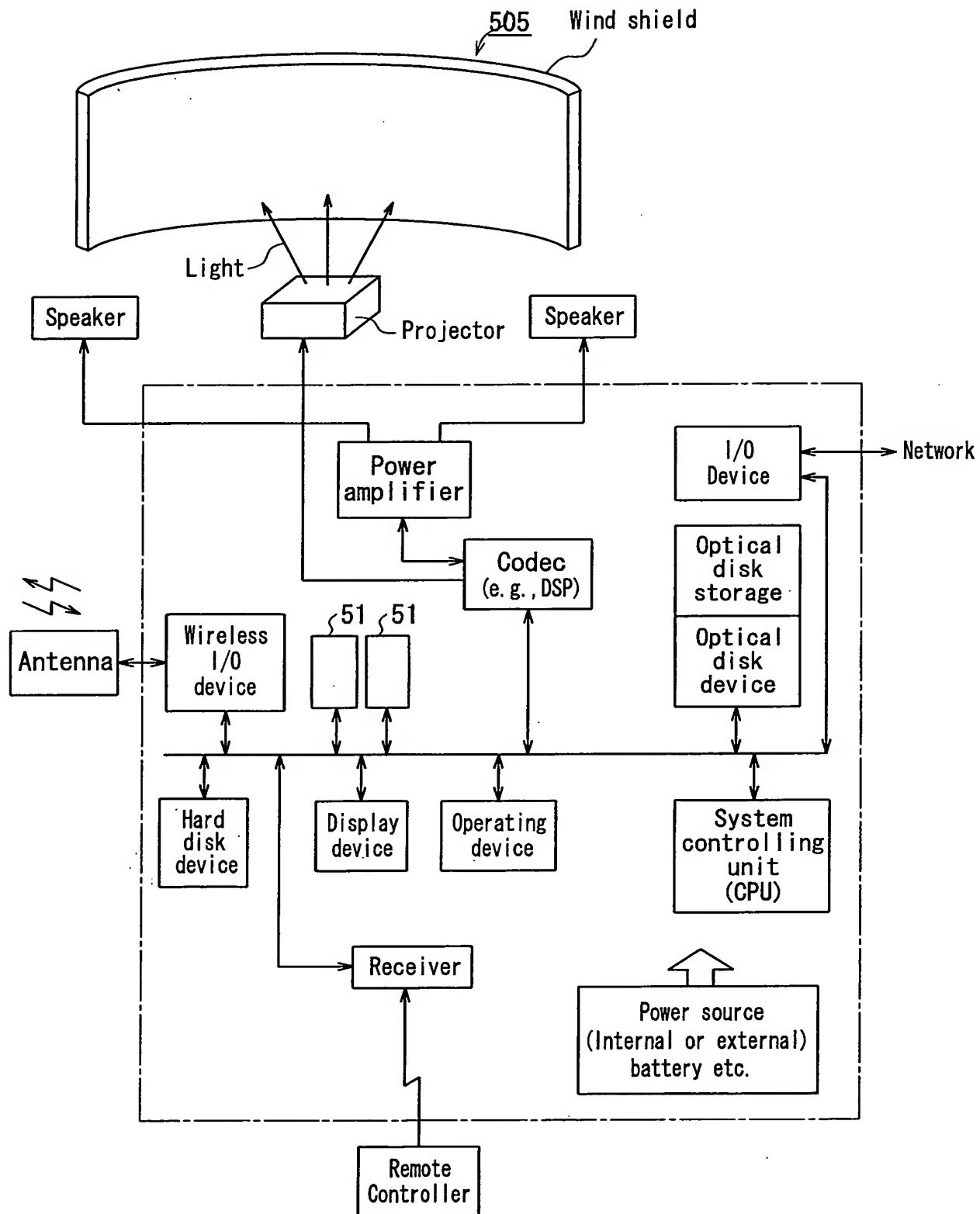


FIG. 42

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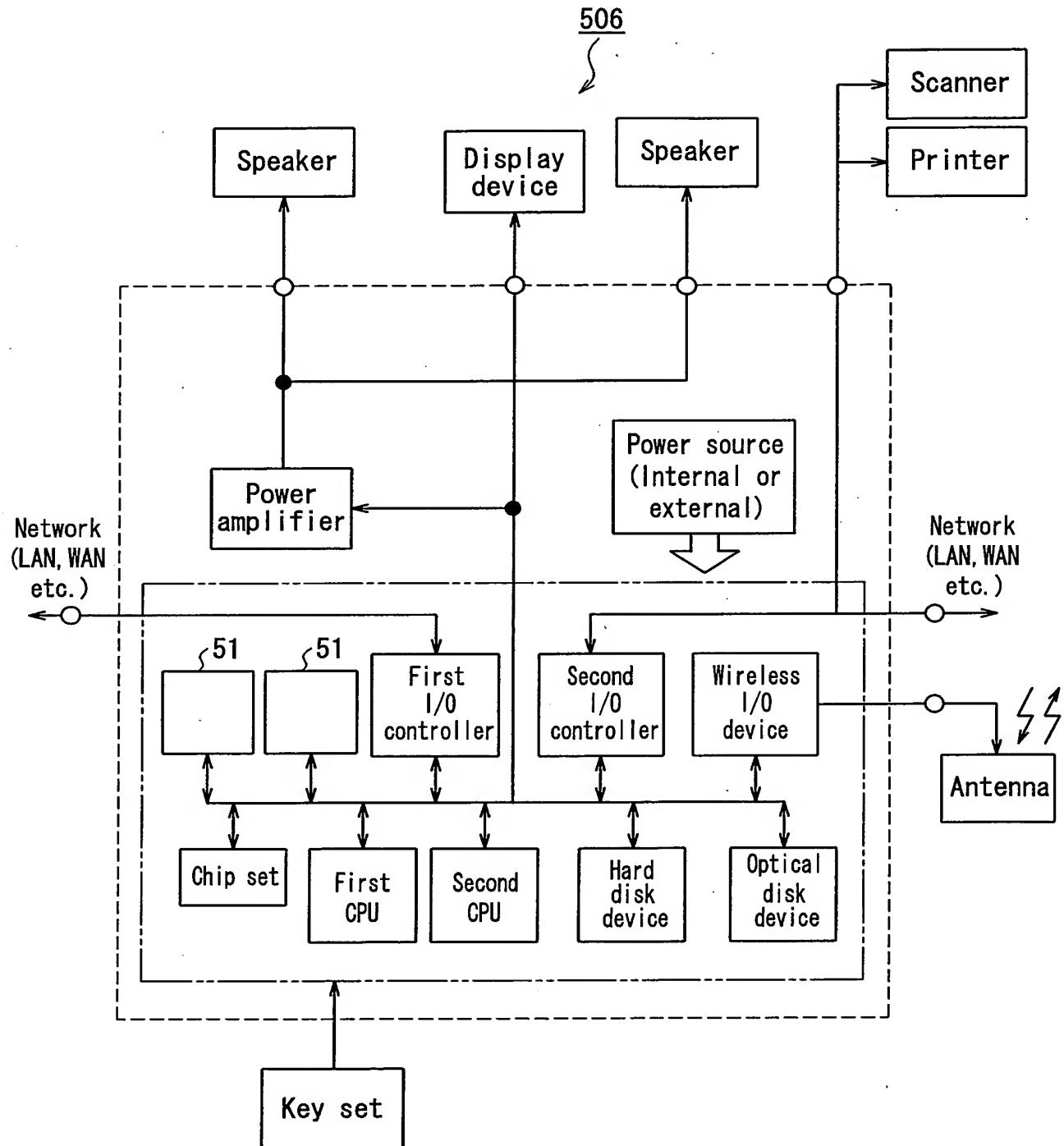


FIG. 43

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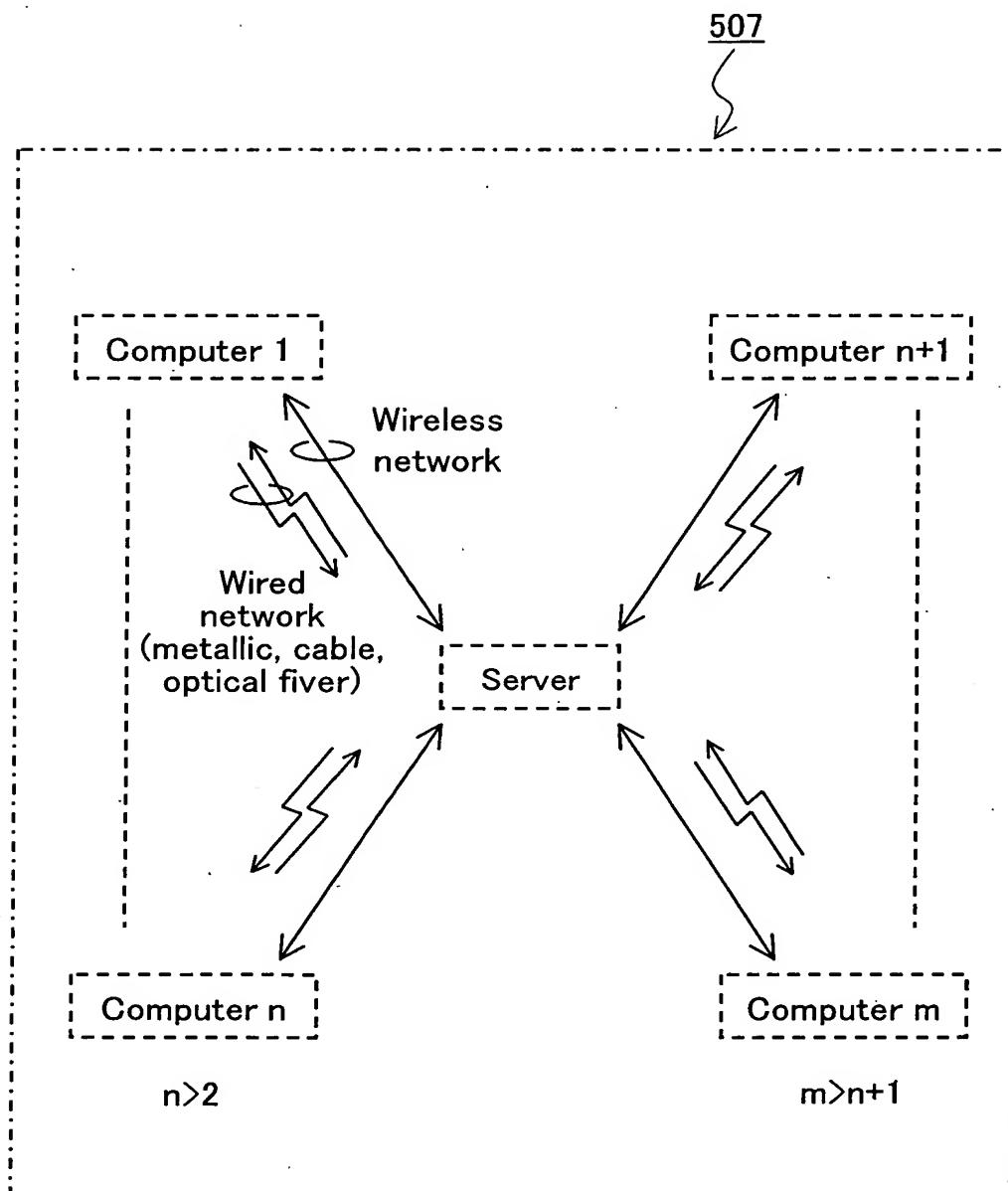


FIG. 44

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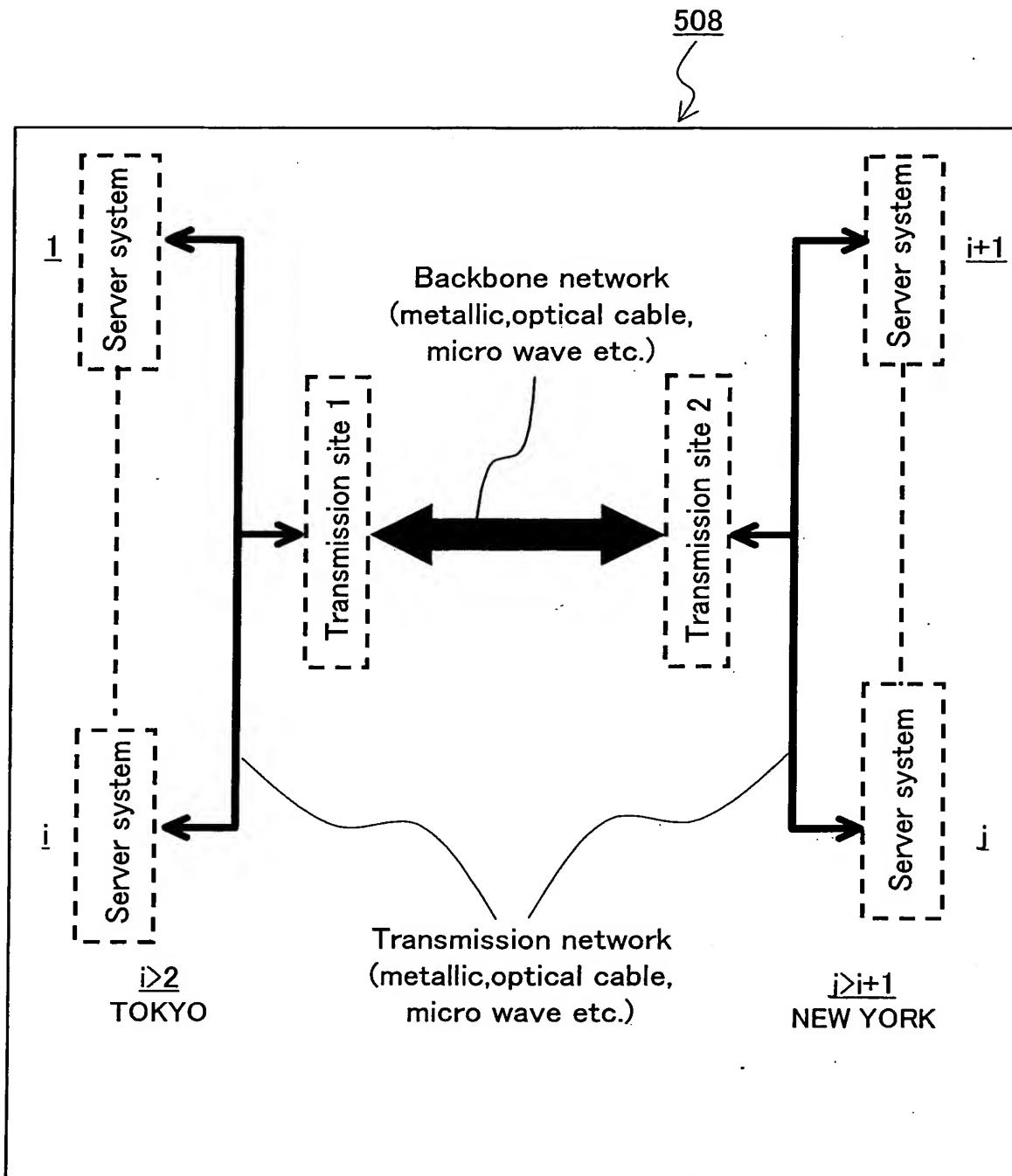


FIG. 45